VOLUME CONTROL

To increase the prompt volume, insert a small flat blade screwdriver into the slotted opening on the right side of the unit and turn clockwise.

POWER

Insert six new "C" batteries into the battery well in the Trainer. Replace batteries before expiration date, if the unit fails to power on, or if the unit returns to "Select Mode" during voice prompts.

Alternatively, you can power the unit using the supplied AC adapter.

TROUBLESHOOTING

AED Trainer problem / display:	*Action:*
The Trainer does not respond when you press .	Check and replace batteries. If the unit still does not respond, call Zoll Technical Service.
CHECKSUM ERROR	Call Zoll Technical Service.
PROCESSOR ERR	Call Zoll Technical Service.

MAINTENANCE

1. Keep the unit clean, undamaged, and free of excessive wear.
2. Verify that there are no cracks or loose parts in the housing.
3. Verify that all cables are free of cracks, cuts, and exposed or broken wires.
4. Replace Training electrodes as necessary.

CLEANING

- Clean unit with soft, damp cloth using 90% isopropyl alcohol, or soap and water, or chlorine bleach (30 ml/liter water).
- Do not immerse any part of the unit in water.
- Do not use ketones (e.g., MEK, acetone).
- Avoid using abrasives (e.g., paper towels) on the displays.
- Do not sterilize the unit.

WARNING Product intended for indoor use only.

WARNING Use only Safety Agency-approved AC/DC or DC/DC power adapter rated 12 VDC at 800 mA output.

WARNING This device is for training use only. It will NOT deliver defibrillation energy.

CPR FEEDBACK OPERATION

The AED PLUS Trainer includes controls that allow instructors to simulate the voice prompts and text messages issued by the AED PLUS when rescuers perform CPR. These controls include:

Handheld control:	*Description:*
	Metronome On/Off This control activates the training unit's metronome which begins to beep at 60 compressions per minute (CPM) then automatically accelerates to 100 CPM after a few seconds. Metronome beeps are independent of the student's actual compression rate and continue until the CPR period times out or until the Metronome On/Off key is pressed again. The control and the metronome function are only active during periods when the AED Trainer has prompted the rescuer to perform CPR.
	Push Harder Control Pressing this control button causes the training unit to emit a single "Push Harder" voice and text prompt. Instructors should depress this button when the student's chest compressions are too shallow. *Note:* The AED PLUS will issue only two "Push Harder" prompts during each CPR session when chest compressions are less than 1 ½ inches (3.75 cm) deep.
	Good Compressions Control Pressing this control button causes the training unit to emit a "Good Compressions" voice prompt and text message. To simulate operation of the AED PLUS defibrillator, instructors should use this control to provide students with positive feedback about improvements in chest compression depth when they respond to "Push Harder" prompts. *Note:* The AED PLUS emits a maximum of one "Good Compressions" prompt during each CPR session.

NOTE For replacement parts, see the AED PLUS Administrator's Guide.

AED PLUS®

Trainer

Automated External Defibrillator Trainer

Operator's Guide

For technical support or repair:

Technical Service Department

ZOLL Medical Corporation
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Advancing Resuscitation. Today.™

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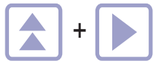
REF 9650-0304-01 Rev. E

CONTROLS / INDICATORS

Handheld:

	Change mode on the text display.
	Select displayed mode.
	End current mode.
	Pause operation / Resume operation.
	CPR metronome on / CPR metronome off.
	CPR "Push Harder" prompt.
	CPR "Good Compressions" prompt.
	“Attach defib pads to patient’s bare chest” prompt.
	Noisy ECG / Selected ECG.
	Low battery / Normal battery.
	Unit Failed / Unit OK.

Zoll AED Plus Trainer:

	Power on / Power off.
	Status indicator: ✓ is ready for use; ✗ is fault conditon.

1 SETUP

AED Trainer control:	*Action:*
	Install six "C" batteries or attach the AC adapter to the AED PLUS Trainer.
	Turn the unit on. If the handheld is connected, the status indicator will switch to ✗ then back to ✓, signifying that the self-test phase is complete and the unit is OK.
PLUG IN HANDHELD	If the handheld is not connected, the status indicator will remain ✗. Connect the Handheld to the Trainer. The status indicator will turn ✓ and the software version number will display.

NOTE The Handheld display indicates the current training settings while the Trainer simulates the actual Zoll AED PLUS behavior.

2 SELECT MODE

Handheld display:	*Action:*
SELECT MODE	Press to change the mode.
MANUAL *SCENARIO 1* *SCENARIO 4*	Press to select the displayed mode.

2a MANUAL

Handheld display:	*Action:*
ANALYSIS - VF	VF is the default simulated heart rhythm for manual mode.
SELECT VF *SELECT NSR* *SELECT ASYS*	Press to change the heart rhythm. Press to select the displayed rhythm.
ANALYSIS - NSR	The Handheld will display the selected heart rhythm and the Trainer will behave accordingly. You can change the heart rhythm at any time by following the instructions above.

2b SCENARIO 1 TO 4

Handheld display:	*Action:*
ANALYSIS - VF	The Handheld will display the preprogrammed heart rhythm. The AED PLUS Trainer will operate according to the the chosen scenario. Instruct the student to follow the AED PLUS Trainer voice instructions and text prompts.
SCENARIO DONE	Indicates that the scenario is done. The Trainer will continue to cycle through analysis or CPR, depending on the scenario. Press to return to the *SELECT MODE* prompt.

NOTE Refer to the Zoll AED PLUS Operator and Administration Guides for additonal information.

SCENARIOS

1

Simulated heart rhythm:	*Student Response:*
VF 1	Shock
VF 2	CPR
VF 3	Shock
VF 4	CPR
Done	

2

Simulated heart rhythm:	*Student Response:*
ASYSTOLE 1	No Shock
ASYSTOLE 2	CPR
VF 1	Shock
VF 2	CPR
Done	

3

Simulated heart rhythm:	*Student Response:*
VF 1	Shock
VF 2	CPR
NSR 1	No Shock
NSR 2	CPR
Done	

4

Simulated heart rhythm:	*Student Response:*
ASYSTOLE 1	No Shock
ASYSTOLE 2	CPR
ASYSTOLE 3	No Shock
ASYSTOLE 4	CPR
Done	